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Sheet 1 of 2

U.S. Department of Commerce Patent and Trademark Office		ATTORNEY DOCKET NO.	SERIAL NO.
		1116	09/538,396
		APPLICANT	
		Mahajan, et al.	
		FILING DATE	GROUP
		March 29, 2000	1638

INFORMATION DISCLOSURE STATEMENT

BY APPLICANT

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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation Yes	No

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

MAI	A1	Kupiec and Simchen, 1984, <i>Mol. Gen Genet</i> , 193: 525-531, "Cloning and Mapping of the RAD50 Gene of <i>Saccharomyces cerevisiae</i> "
	A2	Raymond and Kleckner, 1993, <i>Nucleic Acids Res.</i> , 21(16): 3851-3856, "RAD50 protein of <i>S.cerevisiae</i> exhibits ATP-dependent DNA binding"
	A3	Alani, et al., 1989, <i>Genetics</i> , 122: 47-57, "The Yeast RAD50 Gene Encodes a Predicted 153-kD Protein Containing a Purine Nucleotide-Binding Domain and Two Large Heptad-Repeat Regions"
	A4	Malkova, et al., 1996, <i>Genetics</i> , 143: 741-754, "Meiotic Recombination Initiated by a double-Strand Break in <i>rad50Δ</i> Yeast Cells Otherwise Unable to Initiate Meiotic Recombination"
	A5	Johzuka and Ogawa, 1995, <i>Genetics</i> , 139: 1521-1532, "Interaction of Mre11 and Rad50: Two Proteins Required for DNA Repair and Meiosis-Specific Double-Strand Break Formation in <i>Saccharomyces cerevisiae</i> "
	A6	Jeggo, P.A., 1998, <i>Radiation Res.</i> , 150 (Suppl.) S80-S91, "Identification of Genes Involved in Repair of DNA Double-Strand Breaks in Mammalian Cells"
	A7	Tsukamoto, et al., <i>Mol. Gen Genet</i> , 255: 543-547, "Budding yeast Rad50, Mre11, Xrs2, and Hdf1, but not Rad52, are involved in the formation of deletions on a dicentric plasmid"

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Medina A. Ibrahim

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Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO.	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		1116	09/538,396	
		APPLICANT	Mahajan, et al.	
		FILING DATE	March 29, 2000	
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MAS	A8	Kim, et al., 1996, <i>Journal of Bio. Chem.</i> , 271(46): 29255-29264, "Mouse RAD50 Has Limited Epitopic Homology to p53 and Is Expressed in the Adult Myocardium**"
	A9	Dolganov, et al., 1996, <i>Mol. and Cell. Biology</i> , 1996, 16(9): 4832-4841, "Human Rad50 Is Physically Associated with Human Mre11: Identification of a Conserved Multiprotein Complex Implicated in Recombinational DNA Repair"
	A10	Carney, et al., 1998, <i>Cell</i> , 93: 477-486, "The hMre11/hRad50 Protein Complex and Nijmegen Breakage Syndrome: Linkage of Double-Strand Break Repair to the Cellular DNA Damage Response"
	A11	Trujillo, et al., 1998, <i>Journal of Bio. Chem.</i> , 273(34): 21447-21450, "Nuclease Activities in a Complex of Human Recombination and DNA Repair Factors Rad50, Mre11, and p95**"
	A12	Uchimiya, H., 1998, <i>GenBank Accession No. D42331</i> , "On nucleotide sequence of <i>Oryza sativa</i> "
	A13	Lin, et al., 2000, <i>GenPept Accession No. AAD15407</i> , "Sequence and analysis of chromosome 2 of the plant <i>Arabidopsis thaliana</i> "
	A14	Lin, et al., 1999, <i>GenBank Accession No. AC006223 AE002093</i> , "Sequence and analysis of chromosome 2 of the plant <i>Arabidopsis thaliana</i> "
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Form PTO-1449	U.S. Department of Commerce Patent and Trademark Office	ATTORNEY DOCKET NO. 1116	SERIAL NO. 09/538,396
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>		APPLICANT Mahajan et al.	RECEIVED U.S. PATENT AND TRADEMARK OFFICE NOV 20 2000
		FILING DATE March 29, 2000	GROUP 1649 1636 TECH CENTER 1800/2000 NOV 24 2000

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

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MAI	A15	Petrini, John H.J., "The Mammalian Mre11-Rad50-Nbs1 Protein Complex: Integration of Functions in the Cellular DNA-Damage Response", <i>Am. J. Hum. Genet.</i> 64:1264-1269, (1999)

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